

ATTORNEY'S DOCKET NO: 26788U

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 7 June 2005 (7.06.2005)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPL. NO. (if known): Not Yet Assigned 10/537802
INTERNATIONAL APPLICATION NO.: PCT/EP2002/013942	INTERNATIONAL FILING DATE: 9 December 2002 (09.12.2002)	PRIORITY DATE CLAIMED:
TITLE OF INVENTION: NANOSCALE CORE/SHELLPARTICLES AND THE PRODUCTION THEREOF		
APPLICANT(S) FOR DO/EO/US: NONNINGER, Ralph; SCHICHTEL, Martin		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 40px;">a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 40px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information: TRANSMITTAL FORM; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 2004/052998 A1 WITH INTERNATIONAL PUBLICATION DATE 24 JUNE 2004 (IN GERMAN) AND SEARCH REPORT AND VERIFIED ENGLISH TRANSLATION WHICH CONSISTS OF 1 VERIFICATION OF THE TRANSLATION; 1 COVER SHEET OF THE PUBLICATION; 13 PAGES TEXTUAL SPECIFICATION, 4 PAGES OF 27 CLAIMS; 1 PAGE OF THE ABSTRACT, 0 SHEETS DRAWINGS; PRELIMINARY AMENDMENT WITH ATTACHMENT A TO BE EXAMINED; UNEXECUTED INVENTOR'S DECLARATION; PCT/IPEA/416, 409, 402 INTERNATIONAL PRELIMINARY EXAMINATION REPORT (IN GERMAN); PCT/IB/306 NOTIFICATION OF THE RECORDING OF A CHANGE (IN GERMAN) PCT/RO/101 REQUEST (IN GERMAN) INFORMATION DISCLOSURE STATEMENT; PTO FORM CITING 6 REFERENCES WITH 6 REFERENCES ATTACHED.</p>		

U.S. APPLICATION NO. (if known) not yet assigned <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">107537802</div>	INTERNATIONAL APPLICATION NO. PCT/EP2002/013942	DATE: 7 June 2005 (7.06.2005)
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17. <u>x</u> The following fees are submitted: 21. Basic national fee \$ 300 22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy Provisions of PCT Article 33(1)-(4) \$100 All other situations..... \$200 23. Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 Interantional Search Report prepared and provided to the Office..... \$400 All other situations..... \$500 ____ Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets fo paper or fraction thereof. <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>	<u>CALCULATIONS</u> \$ 300.00 \$ 200.00 \$ 400	<u>PTO USE ONLY</u> \$ 900.00
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Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$	
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CLAIMS	NO. FILED	NO. EXTRA	RATE		
TOTAL	27 -20=	7	X \$ 50.00	\$	350.00
INDEPENDENT	5 - 3=	2	X \$ 200.00	\$	400.00
Multiple dependent claims(s) (if applicable)			+ \$360.00	\$	0.00
TOTAL OF ABOVE CALCULATIONS =				\$	1650.00
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				\$	-825.00
SUBTOTAL =				\$	825.00
Processing fee of \$130.00 for furnishing the English translation later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	0.00
TOTAL NATIONAL FEE =				\$	825.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	0.00
TOTAL FEES ENCLOSED =				\$	825.00
				Amount to be:	
				refunded	\$
				charged	\$

U.S. APPLICATION NO. (if known) not yet assigned 10/537802	INTERNATIONAL APPLICATION NO. PCT/EP2002/013942	DATE: 7 June 2005 (7 .06.2005)
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a. ☒ One check in the aggregate amount of **\$ 825.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$ _____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.


d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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MAIL STOP PCT

Attorney Docket No. 26788U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

NONNINGER, et al.

International Application No. PCT/EP2002/013942

Serial No. NOT YET ASSIGNED

International Filing Date: 9 December 2002 (9.12.2002)

Filed: June 7, 2005

For: NANOSCALE CORE/SHELL PARTICLES AND THE PRODUCTION THEREOF

10/537802

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

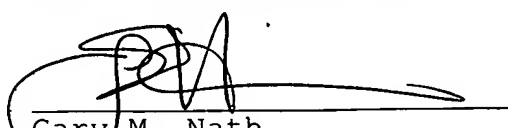
Submitted herewith for filing in the U.S. Patent and Trademark
Office is the following:

- (1) Transmittal Letter
- (2) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US)
Concerning Filing under 35 U.S.C. 371
- (3) International Publication No: WO 2004/052998 A1 (in German)
International Publication Date: 24 June 2004 (24.06.2004) with
Search Report and verified English translation consisting of 20
pages including:
 - 1 verification of the Translation,
 - 1 cover sheet of the Publication13 pages Textual Specification,
 - 4 pages of 27 Claims,
 - 1 page of the Abstract,
 - 0 sheets of Drawings;
- (4) Preliminary Amendment with Attachments A to be examined;
- (5) Unexecuted Inventor's Declaration;
- (6) PCT/IPEA/409 English Translation International Preliminary
Examination Report;
- (7) PCT/IPEA/416, 409, 402 International Preliminary Examination Report
(in German);
- (8) PCT/IB/306 Notification of the Recording of A Change (in German);
- (9) PCT/RO/101 Request (in German)
- (10) Information Disclosure Statement;
- (11) PTO Form 1449 citing 6 references with 6 references attached;
- (12) Check No. 23143 \$ 825.00 for Government Filing Fee as a small
entity;
- (13) Postcard for early notification of serial number.

Respectfully submitted,

NATH & ASSOCIATES PLLC

By:


Gary M. Nath

Registration No. 26,965

Tanya E. Harkins

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Customer No. 20529

Date: June 7, 2005

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GMN/TEH/dd/PCT.NATLphase.TL

10/537802

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC17 Rec'd PCT/PTO 07 JUN 2005

Application No. :

U.S. National Serial No. :

Filed :

PCT International Application No. : PCT/EP2002/013942

VERIFICATION OF A TRANSLATION

I, Charles Edward SITCH BA,

Deputy Managing Director of RWS Group Ltd UK Translation Division, of Europa House, Marsham Way, Gerrards Cross, Buckinghamshire, England declare:

That the translator responsible for the attached translation is knowledgeable in the German language in which the below identified international application was filed, and that, to the best of RWS Group Ltd knowledge and belief, the English translation of the international application No. PCT/EP2002/013942 is a true and complete translation of the above identified international application as filed.

I hereby declare that all the statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent application issued thereon.

Date: May 5, 2005

Signature : 

For and on behalf of RWS Group Ltd

Post Office Address :

Europa House, Marsham Way,
Gerrards Cross, Buckinghamshire,
England.